Malate Synthase A (aceB) Escherichia Coli Recombinant Protein

PRODUCT OVERVIEW

Product Name	Malate synthase A (aceB), Recombinant Protein
Full Product Name	Recombinant Escherichia coli Malate synthase A (aceB)
Product Gene Name	aceB recombinant protein
Sequence	MTEQATTTDE LAFTRPYGEQ EKQILTAEAV EFLTELVTHF TPQRNKLLAA RIQQQQDIDN GTLPDFISET ASIRDADWKI RGIPADLEDR RVEITGPVER KMVINALNAN VKVFMADFED SLAPDWNKVI DGQINLRDAV NGTISYTNEA GKIYQLKPNP AVLICRVRGL HLPEKHVTWR GEAIPGSLFD FALYFFHNYQ ALLAKGSGPY FYLPKTQSWQ EAAWWSEVFS YAEDRFNLPR GTIKATLLIE TLPAVFQMDE ILHALRDHIV GLNCGRWDYI FSYIKTLKNY PDRVLPDRQA VTMDKPFLNA YSRLLIKTCH KRGAFAMGGM AAFIPSKDEE HNNQVLNKVK ADKSLEANNG HDGTWIAHPG LADTAMAVFN DILGSRKNQL EVMREQDAPI TADQLLAPCD GERTEEGMRA NIRVAVQYIE AWISGNGCVP IYGLMEDAAT AEISRTSIWQ WIHHQKTLSN GKPVTKALFR QMLGEEMKVI ASELGEERFS QGRFDDAARL MEQITTSDEL IDFLTLPGYR LLA
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	60,274 Da
Sequence Positions	1-533, full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for P08997
Species	Escherichia coli (strain K12)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for aceB recombinant protein	MBS1123089 is a recombinant protein targeting aceB. Also known as Recombinant Escherichia coli Malate synthase A (aceB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of aceB recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for aceB. It may not necessarily be applicable to this product.

NCBI GI #	16131840
NCBI GeneID	948512
NCBI Accession #	NP_418438.1
UniProt Primary Accession #	P08997

UniProt Secondary Accession #	Q2M6U0
GenBank Nucleotide #	NC_000913.3
NCBI Official Full Name	malate synthase A
NCBI Official Symbol	aceB
NCBI Official Synonym Symbols	ECK4006; JW3974; mas
UniProt Protein Name	Malate synthase A
Protein Family	Apparent malate synthase
UniProt Gene Name	aceB
UniProt Synonym Gene Names	mas; MSA
NCBI Protein Information	malate synthase A
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